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March 24, 2003

PCN 03-0219
CHANGE # 1

Subject: Pulaski County, FE02 100 00027 B00032
Letting March 28, 2003

Listed below are the enclosed changes on the subject project:

- (1) Revised - Special Notes for Cleaning and Painting - Special Note for Surface Preparation and Paint Application (Sheets 2, 3, & 4)
- (2) Revised - Special Notes for Cleaning and Painting - Special Note for Environmental and Worker Safety Regulation
- (3) Revised - Special Notes for Cleaning and Painting - General Traffic Notes for Controlling and Maintaining Traffic

Your bid, must be based upon the above-mentioned changes, and these changes are to be made a part of the bid proposal, which you submit to the Kentucky Department of Highways.

Specimen proposals may not be used for bidding purposes.

If you have any questions, please contact us at (502) 564-3500.

Sincerely,

Rick Stansel
Director
Division of Contract Procurement

Enclosures
RS:bc



KENTUCKY TRANSPORTATION CABINET
"PROVIDE A SAFE, EFFICIENT, ENVIRONMENTALLY SOUND, AND FISCALLY RESPONSIBLE TRANSPORTATION SYSTEM
WHICH PROMOTES ECONOMIC GROWTH AND ENHANCES THE QUALITY OF LIFE IN KENTUCKY."
"AN EQUAL OPPORTUNITY EMPLOYER M/F/D"

blasting (See below - Section C. Collection, Handling, Storage, Transport and Disposal of Hazardous Wastes).

Compressed Air

When compressed air is used for any work, use only compressed air that is free from oil and/or water. Verify the cleanliness of the compressed air in accordance with ASTM D 4285 (blotter test). Verify the cleanliness of the compressed air at least once per shift per compressor or as directed by the Engineer.

Surface Preparation

Abrasive blast clean all structural steel to a SSPC SP7 condition as described in SSPC-VIS 1, SSPC Publication 02-12. Use SSPC-VIS 1 to determine acceptability of the prepared surface.

Abrasive Media

Use clean, dry, uniformly graded abrasives for blast cleaning that are free of oil, soluble salts and other similar substances which could contaminate the blasted surface. Vacuum the prepared surface to remove all dust and contaminants prior to applying paint.

C. COLLECTION, HANDLING, STORAGE, TRANSPORT AND DISPOSAL OF HAZARDOUS AND INDUSTRIAL WASTES (SEE SPECIAL NOTES FOR ENVIRONMENTAL AND WORKER SAFETY REGULATIONS)

Have a "Competent Person for lead abatement" as defined by OSHA 1926.62 on site during any operations which disturb lead.

All wastes are to be collected and placed in appropriate containers on a daily basis. (See **SPECIAL NOTE FOR ENVIRONMENTAL AND WORKER SAFETY REGULATIONS**).

Hazardous wastes

If hazardous wastes are generated, the Department will provide a site on its property for the Contractor to erect a temporary waste storage facility. Store hazardous waste at that site, in a secured six-foot high chain-link fence enclosure. The enclosure shall be built in accordance with Standard Drawing No. RFC-001-07 of the Kentucky Department of Highways Standard Drawings Book, with the **exception that concrete is not required for installation of posts**. The fence of the storage area must be firmly attached to metal posts and have a locked gate. The gate must be secured to the fence post by a chain and a lock. Each side of the enclosure is to have appropriate placarding forbidding unauthorized entrance and announcing that the area is a hazardous waste/lead storage site. Cover the ground where the drums will be stored with a waterproof tarpaulin. The contractor shall maintain the tarpaulin to avoid tears or punctures. The drums will be set on skids that are placed on the tarpaulin. There must be adequate aisle space between the rows of stored drums so that the drums and labels can be inspected at any time.

The storage area is to be maintained/operated to prevent releases. The drum storage enclosure must have a spill clean-up kit. The package must include, but not be limited to

shovel, broom, dustpan and absorbent material for solvents. There must be access to communications or alarms whenever authorized personnel are in the storage compound.

The designated area must be secured prior to the onset of operations at the job site.

Maintain the hazardous waste storage facility and return the site to its original state when the work is completed.

If hazardous wastes are generated, they are to be stored separate from industrial wastes. All spent solvents, not intended for further use, are to be considered hazardous waste. Store solvent wastes in separate containers from the solid hazardous waste.

The Contractor is solely responsible for the management and the disposal of all hazardous waste generated during the cleaning and painting operations in accordance with the Kentucky Revised Statutes, Chapter 224, Subchapter 46, and the Kentucky Administrative Regulations promulgated pursuant thereto.

If hazardous wastes are generated, the Kentucky Transportation Cabinet will file a Notification of Hazardous Waste Activity with the Kentucky Division of Waste Management to obtain an EPA Identification Number in accordance with 401 KAR 32:010, Section 3. The Cabinet will provide the Contractor with this EPA ID number to be used in hazardous waste management in compliance with 401 KAR 32:010, Section 3 (1).

The Contractor is responsible for furnishing appropriate U.S. DOT containers that are made or lined with materials which are compatible with the hazardous waste to be stored in accordance with 401 KAR 35:180, Section 3. All hazardous wastes collected at the job site will be placed in those containers for transport to the storage site. The containers will be used and managed at the job site and at the storage site in accordance with 401 KAR 35:180. Prior to the transfer of the containers of hazardous waste from the job site to the storage area, the containers will be correctly sealed, labeled, marked and placarded as defined in the pre-transport requirements of 401 KAR 32:030.

Each container will be labeled "Hazardous Waste" and the date clearly marked when the hazardous waste is *first* added to the container in compliance with 401KAR35:180, Section 4(3). That date marked is the *start date* of the seventy-five (75) day storage period.

The generator for the waste under this contract is the Kentucky Transportation Cabinet. All records including the labels on the waste containers and the manifests are to be completed using the Transportation Cabinet as the generator.

The Department requires that all hazardous waste be removed within seventy-five (75) days of the accumulation start date. The Contractor will select a registered hazardous waste transporter to transport the containers of hazardous waste generated during the painting operations to a permitted hazardous waste treatment, storage or disposal facility. The hazardous waste will be manifested with a Uniform Hazardous Waste Manifest that is to be completed, in entirety, as per the regulations of 401 KAR 32:020 and 401 KAR

32:100. Copies of all manifests with the Land Disposal Restriction Notice will be provided to the project Engineer and the Central Office, Division of Construction. ***Final partial payment of 15% for the project will not be released until the Department receives all copies of the manifests (see SPECIAL NOTE FOR PAYMENT).***

Failure to remove the hazardous waste within seventy-five (75) days will result in a performance penalty of Two Thousand Dollars (\$2,000.00) per day per drum that the containers are left in storage. This penalty is in addition to any fines that may be assessed by regulatory agencies other than the Transportation Cabinet.

Industrial waste

Dispose of industrial wastes (non-hazardous wastes) such as paint buckets, paint-contaminated rags, rollers, clogged spray hoses and brushes. Store industrial waste in appropriate containers, separated from the hazardous wastes, and appropriately labeled, prior to disposal. Industrial waste containers not covered or designed to prohibit entry of water, must be included in and comply with Ground Water Protection requirements (see **SPECIAL NOTE FOR ENVIRONMENTAL AND WORKER SAFETY REGULATIONS – D. Groundwater Protection**).

D. PAINT APPLICATION

Do not paint areas until they have been inspected and approved by the Engineer (or at the direction of the Engineer, the Department's inspector). Apply paint only to dry surfaces. Ensure that the appropriate resulting surface condition, as shown in SSPC VIS-1 for SSPC-SP7, is present at the time of primer application (i.e. re-treat if rust-back occurs). Do not apply paint during rainfall. Apply an experimental two-coat system consisting of:

1. Paint all structural steel with one full coat of Environmental Protective Coating Calcium Sulfonate Penetrating Sealer.
2. Paint all structural steel with one full coat (15 to 18 mils wet film thickness) of Environmental Protective Coating OXI-BLOC 8100 (Calcium Sulfonate) paint (see **SPECIAL NOTE FOR PAINT**).

The finish coat shall be blue closely approaching Federal Standard No. 595B-15095.

Damages - Take all steps necessary to preclude damage to public property from paint overspray. Those steps may include changes in the type of containment or cessation of spraying operations. The contractor is solely responsible for any damages arising from the painting operations.

Repair of paint defects - Paint defects, such as pinholes, cracks, blisters, and runs etc. may be encountered. Repair all defects in new paint.

E. PAINT STORAGE, HANDLING, SAMPLING, MIXING AND THINNING

Establish a paint storage site for receiving and storing paint delivered for use on the project. Locate the paint storage site separate from the job site. Receive all new paint at the storage site for inventory and acceptance testing. At that time, have the Contractor's QC inspector (**SEE SPECIAL NOTES FOR QUALITY CONTROL**) and the

SPECIAL NOTE FOR ENVIRONMENTAL AND WORKER SAFETY REGULATIONS

(A) Governing regulations

The existing paint in this project may contain lead, which is classified as a hazardous (toxic) material. Be knowledgeable of and comply with, all lead-related environmental and health regulations governing the Contractor's operations. Comply with regulations current at the time the work is performed and all requirements herein. Collect, transport to waste storage sites, and store hazardous wastes in accordance with applicable environmental and health regulations. The contractor is solely responsible for collection, transport, storage and disposal of all industrial wastes.

(B) Liabilities and Obligations

The contractor is solely responsible for compliance with all applicable environmental and health regulations to the satisfaction of the applicable government regulatory agencies and the Department. The Department assumes no obligations or liabilities for work stoppages due to enforcement actions by government regulatory agencies or to related delays that the Department deems necessary.

(C) State and Local Regulatory Agencies

State and local regulatory agencies charged with enforcing **most** regulations affecting the generation of hazardous wastes and worker safety issues are:

Kentucky Occupational Safety and Health Program, Labor Cabinet,
Commonwealth of Kentucky, Frankfort, Kentucky.

Natural Resources and Environmental Protection Cabinet, Commonwealth
of Kentucky, Frankfort, Kentucky.

(D) Groundwater Protection

The contractor will prepare and implement a groundwater protection plan in accordance with 401 KAR 5:037.

At the Pre-Construction Meeting, the contractor will submit a written Worker Protection Plan, an Environmental Compliance Plan, and a Waste Management Plan. The Plans will be reviewed by the Cabinet prior to beginning any work.

GENERAL TRAFFIC NOTES FOR CONTROLLING AND MAINTAINING TRAFFIC

All lane closures on this project shall be in accordance with the attached Kentucky Department of Highways Drawings Nos. TTC-120 and the **FHWA MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES** (current editions). Lane closures should be used only when absolutely necessary and kept to the shortest duration possible in order to minimize disruption to the traveling public. No work will be conducted over traffic at any location.

No lane closures are allowed on the following dates;

Easter: April 18,19,20, & 21

Memorial Day: May 23,24,25, & 26

Independence Day: July 3, 4, 5, & 6

Labor Day: Aug. 29, 30, 31, & Sept. 1

Thanksgiving: Nov. 27, 28, 29, & 30

The contractor will be required to submit in writing, to the department, his complete work schedule 14 days prior to starting work. The contractor shall be required to coordinate his efforts with those of any other contractor in the construction area so as to eliminate any lane closures which conflict with this traffic note.

In the event it becomes necessary to make emergency repairs of this project by state forces or by other outside contractors, the (painting) contractor agrees to alter his work pattern as directed by the engineer so as not to interfere with the emergency work.

The contractor will be required to furnish all traffic control devices whenever his operations endanger or interfere with vehicular traffic as determined by the engineer. The contractor shall furnish any additional traffic control devices necessary to protect traffic and his workmen. Any costs associated with the added traffic control devices (including arrow boards) shall be incidental to the contract lump sum amount for "maintain and control traffic."

Placement of all devices for lane closures shall start and proceed in the direction of flow of traffic. Removal of devices shall start at the end of the construction area and proceed toward oncoming traffic. The contractor shall provide for the installation of all necessary traffic control devices before beginning work and their immediate removal as soon as work is suspended or completed. During the fully operational periods, when no lane closures are permitted, all equipment shall be totally removed from the job site. Traffic control signs shall be removed or covered (if left in a curb lane).

The contractor's vehicles shall always move with and not across or against the flow of traffic. Vehicles shall enter or leave work areas in a manner that will not be hazardous to or interfere with normal roadway traffic. Vehicles shall not park or stop except within designated work areas.

Personal vehicles will not be permitted to park within the state right-of-way. The contractor's vehicles will be prohibited from crossing the roadway and all pedestrian movement of the contractor's personnel on the roadway will be limited to within the closed work areas.

If the contractor desires to deviate from the traffic control schemes outlined in these plans or proposals, he shall prepare an alternate plan and present it in writing to the engineer. The alternate plan can be used only after review and approval of the Division of Traffic, design, and construction.

Payment

Payment of the contract lump sum amount for "maintain and control traffic" shall be full compensation for all items necessary to maintain and control traffic on this project. All traffic control items shall remain the property of the contractor when the work is complete.